

REMARKS

Initially, the applicants would like to thank the examiner for the courtesies extended to the undersigned during the telephonic interview of 8 September 2009. During the interview, the above amendments and the following remarks were discussed.

Pending claims 48, 59, and 70-72 have been amended. New claims 73-75 are presented for examination. Reconsideration of the present application is respectfully requested in view of the above amendments and the foregoing remarks.

The examiner has requested that the applicants submit a copy of an English translation of the non-English language provisional applications 60/409999 and 60/440623. Applicants point out that an English translation and a statement that the translation was accurate were filed for 60/409999 on 21 November 2002 (See Exhibit 1) and for 60/440623 on 17 September 2003 (See Exhibit 2). However, in order to further prosecution, another copy of the statement and translation were filed in the provisional applications 60/409999 and 60/440623 on 27 August 2009. Exhibits 1-2 are attached to show confirmation that the statements and translations were filed. Further, a copy of the statement and translation (Exhibits 3-4) are attached to the present amendment.

Claims 48, 59 and 70-72 were rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 5,771,334 to Yamauchi *et al.* (hereafter: "Yamauchi") in view of U.S. Patent No. 7,178,106 to Lamkin *et al.* (hereafter: "Lamkin"). For the reasons discussed below, these claims, as amended, are now in condition for allowance.

Independent claims 48, 59, 70 and 71 have been amended to recite features associated with the exemplary embodiment described on, for example, pgs. 41-50 and 59-61 in which the table recorded in the recording medium includes (a) combinations of program identification information and mode information and (b) title numbers corresponding to the combinations. The program identification information instructs the playback device on a program to be executed for dynamic control, when branching to a title of a corresponding title number, and the mode information shows whether the program to be executed for dynamic control is a program described in an object-oriented programming language.

Particularly, as shown in Figs. 16 and 23, a Movie Object includes a branch command to a different title. Here, the index table included in INFO.BD-ROM includes title numbers such as TITLE # which index to files which have file names to indicate program identification information and file body extensions such as MOVIE, CLASS or HTM to indicate mode information.

As a result of using the above-described table, it is possible to expand the range of expression for producing movie works, and to effectively enhance the added value of the video data with a fractional investment of describing playback controls (see pg. 8, lines 17-22).

Yamauchi describes an improvement to a multimedia disc for enabling a reproduction apparatus to instantly distinguish whether emulated AV functions may be performed for any of the titles. The disc includes a Video Manager internal search pointer table including a plurality of VM internal search pointers corresponding to a plurality of title numbers and a title playback type which includes a plurality of flags for showing a format for the various titles. Exemplary formats are “sequential single PGC identification”, “no branch” and “no branch between titles”.

The examiner has asserted that the title search pointer represents the title number. However, the table does not include (1) program identification information which instructs the playback device on a program to be executed for dynamic control, when branching to a title of a corresponding title number. Although the table includes title set numbers and internal title numbers, these do not instruct a program to be executed for dynamic control when branching to a title.

Rather, Yamauchi describes a PGC management information table which includes control for performing a branch between sets of PGC information (see col. 15, lines 11-14). This table is separate from internal search pointer table.

Further, as conceded by the examiner, Yamauchi fails to teach or suggest (2) a table including mode information corresponding to program identification information. Lamkin has been cited in order to cure the deficient teachings of Yamauchi.

Lamkin describes a media services interface in which a check is made as to whether the author mode of a DVD is a movie mode or a system mode. Standard DVD playback is initiated if the author mode is movie mode and playback can be performed using the Internet if the DVD is a system mode to provide updated content. If the default player mode is InterActual, a determination is made as to whether platform specific binaries exist for the current platform.

Although the updated content may be a Javascript file, Lamkin fails to teach or suggest describing mode information for the updated content or the content in the DVD showing whether the program recorded on the recording medium to be executed for dynamic control is a program described in an object-oriented programming language as called for in independent claims 48, 59, 70 and 71. Nor does Lamkin describe program identification information.

Therefore, because the combination of Yamauchi and Lamkin fails to teach or suggest a table including (1) program identification information which instructs the playback device on a program to be executed for dynamic control, when branching to a title of a corresponding title number; and (2) mode information showing whether the program recorded on the recording medium to be executed for dynamic control is a program described in an object-oriented programming language, it is respectfully requested that the rejection of claims 48, 59, 70 and 71 under 35 U.S.C. 103(a) be withdrawn.

Amended claim 72 and new claims 73-75 recite the novel embodiment described on, for example, pgs. 59-64 in which the object-oriented programming language is a program described in a Java TM language. Claims 72-75 depend from independent claims 48, 59, 70 and 71.

Accordingly, claims 72-75 should be in condition of allowance for the above-mentioned reasons with respect to claims 48, 59, 70 and 71.

In view of the foregoing, the applicants submit that this application is in condition for allowance. A timely notice to that effect is respectfully requested. If questions relating to patentability remain, the examiner is invited to contact the undersigned by telephone.

Respectfully submitted,

/Kerry Culpepper Reg. # 45,672/
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Kerry S. Culpepper
Reg. No. 45,672

Panasonic Patent Center
1130 Connecticut Ave., NW, Suite 1100
Washington, D.C. 20036
Phone: 202-912-3800
Fax: 202-912-0774
Customer No. 42212